

PRIOR ART

FIG. 1

FORCE VS. STROKE CHARACTERISTIC OF THE PRIOR ART

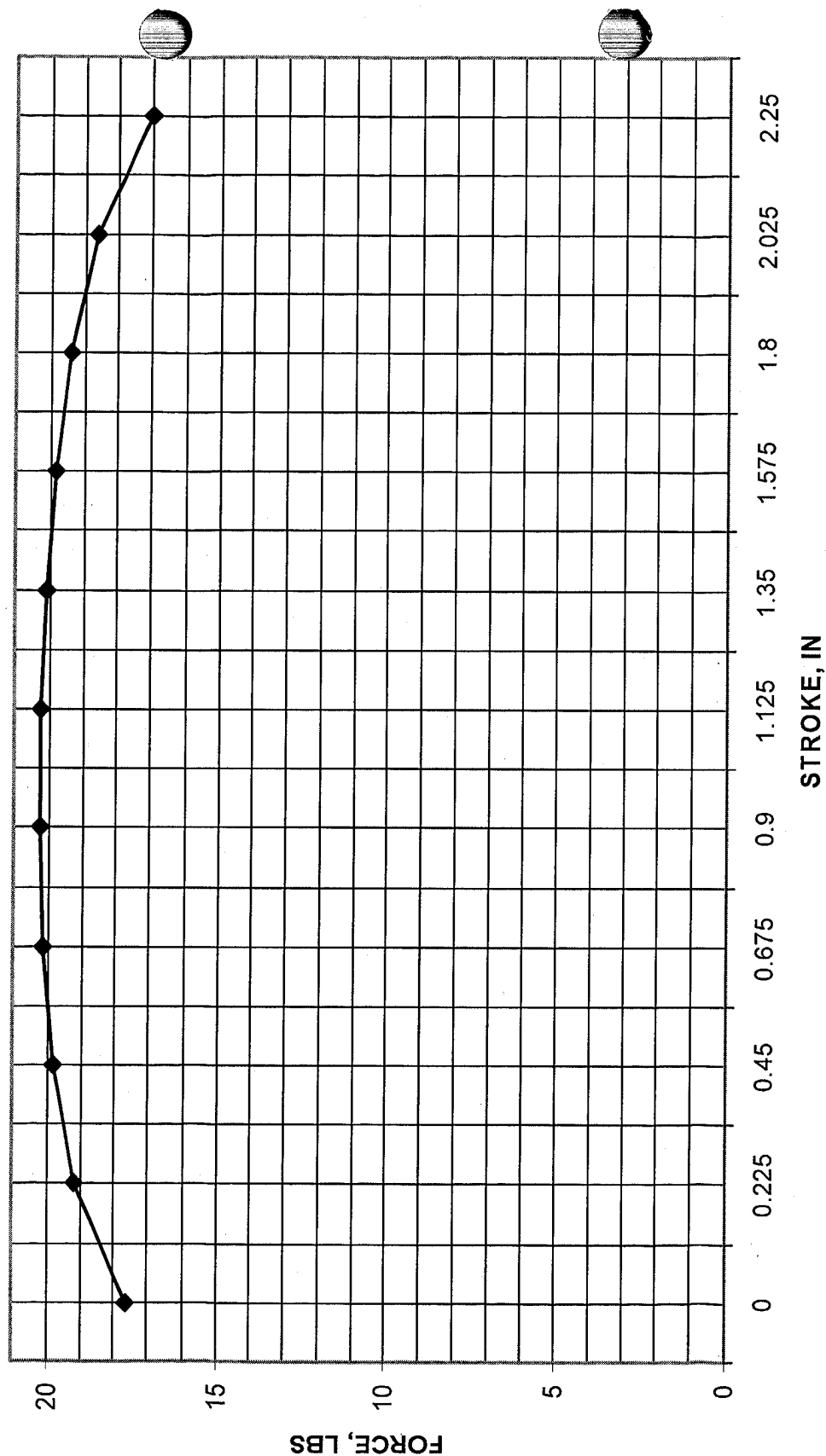


FIG. 2

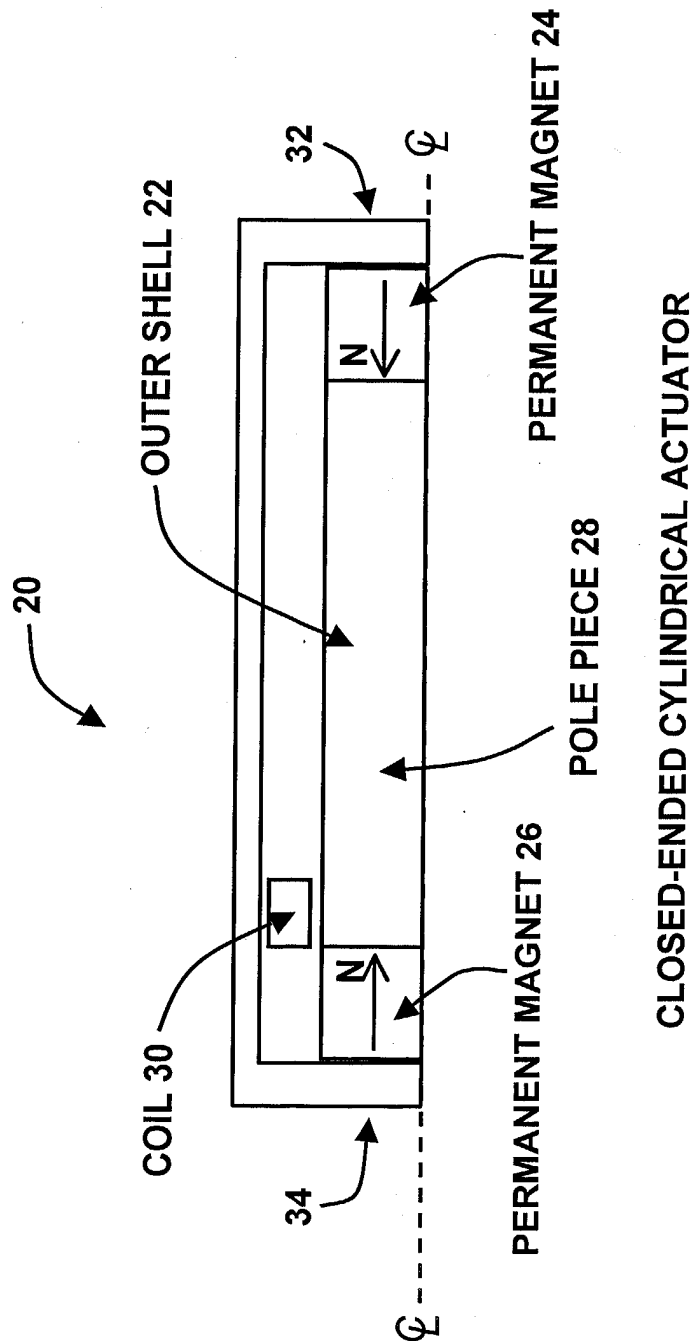


FIG. 3

FORCE VS. STROKE CHARACTERISTIC OF A CLOSED-ENDED CYLINDRICAL ACTUATOR

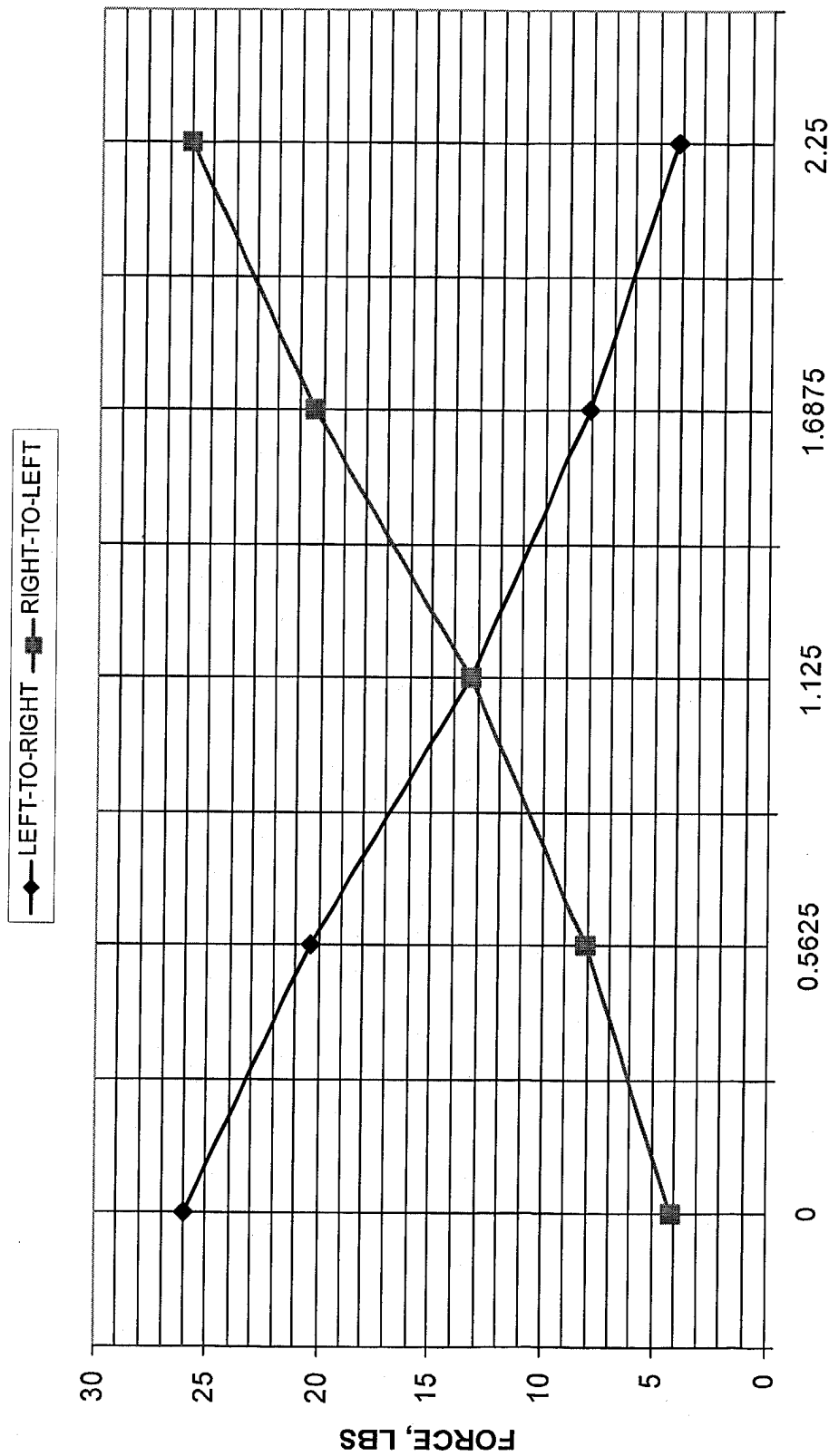


FIG. 4

new Non-Provisional Application
 for Long Stroke Linear Voice Coil Actuator ...
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 Gray Cary et al. - Gsekimura/415-836-2500
 Inventor: Mikhail Godkin Sheet 4 of 6



FIG. 5

FORCE VS. STROKE CHARACTERISTICS OF AN OPEN-ENDED CYLINDRICAL ACTUATOR

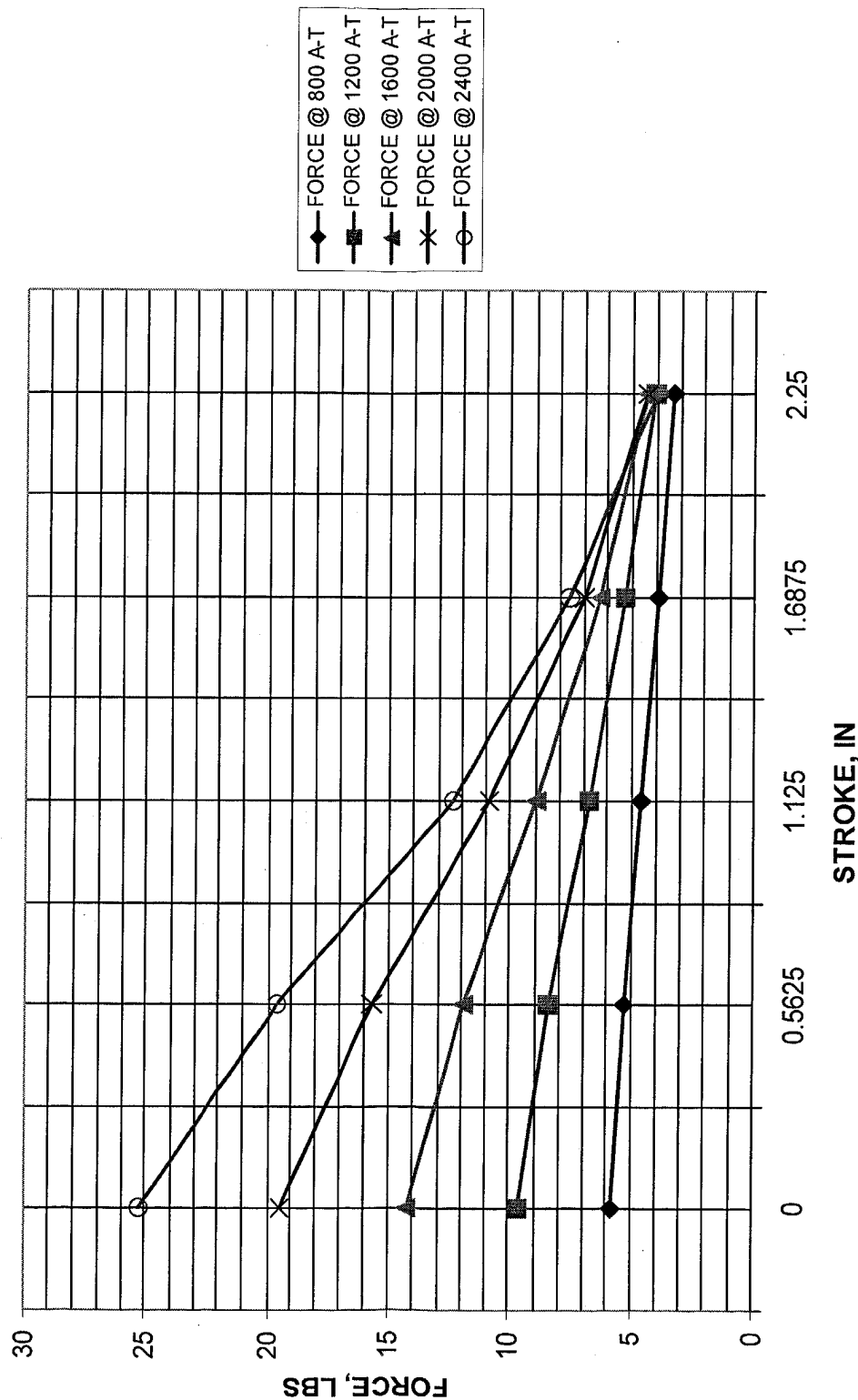


FIG. 6